

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 09/763,824B
Source: IFW16
Date Processed by STIC: 02/28/2006

ENTERED



IFW16

RAW SEQUENCE LISTING

DATE: 02/28/2006

PATENT APPLICATION: US/09/763,824B

TIME: 10:43:02

Input Set : A:\seq list.txt

Output Set: N:\CRF4\02282006\I763824B.raw

3 <110> APPLICANT: SQUIRRELL, DAVID J.
 4 MURPHY, MELANIE J.
 5 PRICE, RACHEL L.
 6 LOWE, CHRISTOPHER R.
 7 WHITE, PETER J.
 8 TISI, LAURENCE C.
 9 MURRAY, JAMES A.H.
 11 <120> TITLE OF INVENTION: NOVEL ENZYME
 13 <130> FILE REFERENCE: 1498-119
 15 <140> CURRENT APPLICATION NUMBER: 09/763,824B
 C--> 16 <141> CURRENT FILING DATE: 2001-02-27
 18 <150> PRIOR APPLICATION NUMBER: PCT/GB99/03538
 19 <151> PRIOR FILING DATE: 1999-10-26
 21 <150> PRIOR APPLICATION NUMBER: GB 9823468.5
 22 <151> PRIOR FILING DATE: 1998-10-28
 24 <160> NUMBER OF SEQ ID NOS: 37
 26 <170> SOFTWARE: PatentIn Ver. 2.1
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 31 <212> TYPE: DNA
 32 <213> ORGANISM: Artificial Sequence
 34 <220> FEATURE:
 35 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
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 38 cgccggtgag ctccccgccg ccg 23
 41 <210> SEQ ID NO: 2
 42 <211> LENGTH: 23
 43 <212> TYPE: DNA
 44 <213> ORGANISM: Artificial Sequence
 46 <220> FEATURE:
 47 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
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 50 cggcggcggg gagctcacccg gcg 23
 53 <210> SEQ ID NO: 3
 54 <211> LENGTH: 51
 55 <212> TYPE: DNA
 56 <213> ORGANISM: Artificial Sequence
 58 <220> FEATURE:
 59 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
 61 <400> SEQUENCE: 3
 62 cgaacacttc ttcacgttg accgccttaa gtctttaatt aaatacaaag g 51
 65 <210> SEQ ID NO: 4
 66 <211> LENGTH: 51

Cp9-6)

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68 <213> ORGANISM: Artificial Sequence
70 <220> FEATURE:
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79 <212> TYPE: DNA
80 <213> ORGANISM: Artificial Sequence
82 <220> FEATURE:
83 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
85 <400> SEQUENCE: 5
86 gaaaggcccg gcaccagcct atcctctaga gg          32
89 <210> SEQ ID NO: 6
90 <211> LENGTH: 32
91 <212> TYPE: DNA
92 <213> ORGANISM: Artificial Sequence
94 <220> FEATURE:
95 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
97 <400> SEQUENCE: 6
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102 <211> LENGTH: 36
103 <212> TYPE: DNA
104 <213> ORGANISM: Artificial Sequence
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115 <212> TYPE: DNA
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118 <220> FEATURE:
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125 <210> SEQ ID NO: 9
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128 <213> ORGANISM: Artificial Sequence
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137 <210> SEQ ID NO: 10
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143 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
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164 <213> ORGANISM: Artificial Sequence
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175 <212> TYPE: DNA
176 <213> ORGANISM: Artificial Sequence
178 <220> FEATURE:
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203 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
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210 <211> LENGTH: 22
211 <212> TYPE: DNA
212 <213> ORGANISM: Artificial Sequence

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223 <212> TYPE: DNA
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226 <220> FEATURE:
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233 <210> SEQ ID NO: 18
234 <211> LENGTH: 22
235 <212> TYPE: DNA
236 <213> ORGANISM: Artificial Sequence
238 <220> FEATURE:
239 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
241 <400> SEQUENCE: 18
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246 <211> LENGTH: 22
247 <212> TYPE: DNA
248 <213> ORGANISM: Artificial Sequence
250 <220> FEATURE:
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253 <400> SEQUENCE: 19
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259 <212> TYPE: DNA
260 <213> ORGANISM: Artificial Sequence
262 <220> FEATURE:
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265 <400> SEQUENCE: 20
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271 <212> TYPE: DNA
272 <213> ORGANISM: Artificial Sequence
274 <220> FEATURE:
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277 <400> SEQUENCE: 21
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281 <210> SEQ ID NO: 22
282 <211> LENGTH: 29
284 <212> TYPE: DNA
285 <213> ORGANISM: Artificial Sequence
287 <220> FEATURE:

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Input Set : A:\seq list.txt

Output Set: N:\CRF4\02282006\I763824B.raw

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288 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
290 <400> SEQUENCE: 22
291 caaatcattc cgggtactgc gattttaag 29
294 <210> SEQ ID NO: 23
295 <211> LENGTH: 29
296 <212> TYPE: DNA
297 <213> ORGANISM: Artificial Sequence
299 <220> FEATURE:
301 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
303 <400> SEQUENCE: 23
304 cttaaaatcg cagtacccgg aatgatttg 29
307 <210> SEQ ID NO: 24
308 <211> LENGTH: 27
309 <212> TYPE: DNA
310 <213> ORGANISM: Artificial Sequence
312 <220> FEATURE:
313 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
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320 <211> LENGTH: 27
321 <212> TYPE: DNA
322 <213> ORGANISM: Artificial Sequence
324 <220> FEATURE:
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327 <400> SEQUENCE: 25
328 gaatctgacg cagagagttc tatgcgc 27
331 <210> SEQ ID NO: 26
332 <211> LENGTH: 22
333 <212> TYPE: DNA
334 <213> ORGANISM: Artificial Sequence
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343 <210> SEQ ID NO: 27
344 <211> LENGTH: 22
345 <212> TYPE: DNA
346 <213> ORGANISM: Artificial Sequence
348 <220> FEATURE:
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357 <212> TYPE: DNA
358 <213> ORGANISM: Artificial Sequence
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RAW SEQUENCE LISTING ERROR SUMMARY DATE: 02/28/2006
PATENT APPLICATION: US/09/763,824B TIME: 10:43:03

Input Set : A:\seq list.txt
Output Set: N:\CRF4\02282006\I763824B.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:28; N Pos. 15,16,17

Seq#:29; N Pos. 13,14,15

VERIFICATION SUMMARY

DATE: 02/28/2006

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Input Set : A:\seq list.txt

Output Set: N:\CRF4\02282006\I763824B.raw

L:16 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:369 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28 after pos.:0

L:387 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29 after pos.:0